

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE
(REV. 2-2005)TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

932.1308

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/538585

INTERNATIONAL APPLICATION NO.
PCT/IB2003/006442INTERNATIONAL FILING DATE
December 23, 2003PRIORITY DATE CLAIMED
January 2, 2003

TITLE OF INVENTION

ANALYZING SYSTEM FOR THE DETECTION OF REDUCING AND OXIDIZING GASES IN A CARRIER GAS WITH A METAL-OXIDE-SEMICONDUCTOR SENSOR ARRANGEMENT

APPLICANT(S) FOR DO/EO/US

Xavier VILANOVA, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 627872609 US
23. ☒ Other items or information:
Letter Re Priority

JC20 Rec'd PCT/PTO 15 JUN 2005

1390 (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; margin-top: 10px;">10/538585</div>		INTERNATIONAL APPLICATION NO. <div style="font-weight: bold; margin-top: 10px;">PCT/IB2003/006442</div>		ATTORNEY'S DOCKET NUMBER <div style="font-weight: bold; margin-top: 10px;">932.1308</div>	
The following fees are submitted:				CALCULATIONS	PTO USE
24. <input checked="" type="checkbox"/> Basic national fee		\$300		\$ \$300.00	
25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).		\$100		\$ \$200.00	
All other situations.		\$200			
26. <input checked="" type="checkbox"/> Search fee		\$100			
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority		\$400			
International Search Report prepared and provided to the Office		\$500		\$ \$500.00	
All other situations.					
TOTAL OF 24, 25 and 26 =				\$ \$1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE	
- 100 =	0	/50 =		0	x \$250.00
				\$ \$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA		RATE	
Total claims	9	- 20 =		0	x \$50.00
Independent claims	1	- 3 =		0	x \$200.00
				\$ \$0.00	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$ \$0.00	
TOTAL OF ABOVE CALCULATIONS =				\$ \$1,000.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ \$0.00	
SUBTOTAL =				\$ \$1,000.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ \$0.00	
TOTAL NATIONAL FEE =				\$ \$1,000.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ \$40.00	
TOTAL FEES ENCLOSED =				\$ \$1,040.00	
				Amount to be	\$
				Amount to be	\$

a. ☒ A check in the amount of \$ \$1,040.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.
 A duplicate copy of this sheet is enclosed.

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment
 to Deposit Account No. 50-0518. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card
 information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b))
 must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

STEINBERG & RASKIN, P.C.
 1140 Avenue of the Americas
 15th Floor
 New York, New York 10036-5803

SIGNATURE

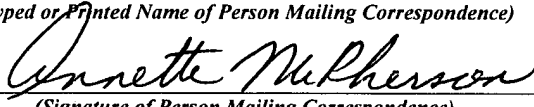
Dona C. Edwards

NAME

42,507

REGISTRATION NUMBER

JC20 Rec'd PCT/PTO 1 5 JUN 2005

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)		Docket No. 932.1308	
Applicant(s): Xavier VILANOVA, et al.			
Application No. 10/538585 N/Y/K	Filing Date June 15, 2005	Examiner N/Y/K	Customer No. 21831
Group Art Unit N/Y/K			
Invention: ANALYZING SYSTEM FOR THE DETECTION OF REDUCING AND OXIDIZING GASES IN A CARRIER GAS WITH A METAL-OXIDE-SEMICONDUCTOR SENSOR ARRANGEMENT			
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>New PCT National Phase Application with associated documents and fees</p> </div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <div style="text-align: center; margin: 10px 0;"> <p><u>June 15, 2005</u></p> <p><i>(Date)</i></p> </div> <div style="text-align: center; margin: 10px 0;"> <p><u>Annette McPherson</u></p> <p><i>(Typed or Printed Name of Person Mailing Correspondence)</i></p> </div> <div style="text-align: center; margin: 10px 0;">  <p><i>(Signature of Person Mailing Correspondence)</i></p> </div> <div style="text-align: center; margin: 10px 0;"> <p><u>EV 627872609 US</u></p> <p><i>("Express Mail" Mailing Label Number)</i></p> </div>			
<p>Note: Each paper must have its own certificate of mailing.</p>			